

3288  
USPTOUTILITY  
PATENT APPLICATION  
TRANSMITTAL

Only for new nonprovisional applications under 37 CFR 1.53(b)

|  |  |
|--|--|
| Attorney Docket No.                      | 247563US6YA  |
| First Inventor or Application Identifier | Aelan MOSDEN   |
| Title                                    | METHOD AND SYSTEM FOR TREATING A HARD MASK TO IMPROVE ETCH CHARACTERISTICS |

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: Commissioner for Patents  
Mail Stop Patent Application  
Alexandria, Virginia 22313

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification Total Sheets
3. ☒ Drawing(s) (35 U.S.C. 113) Total Sheets
4. ☐ Oath or Declaration Total Pages
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. §1.63(d))  
(for continuation/divisional with box 17 completed)
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in  
the prior application, see 37 C.F.R. §1.63(d)(2) and  
1.33(b).
5. ☐ CD-ROM or CD-R in duplicate, large table or Computer  
Program (Appendix)
6. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification or Sequence Listing on :
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ Paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☒ Application Data Sheet. See 37 CFR 1.76
9. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ White Advance Serial No. Postcard
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☐ Applicant claims small entity status.  
See 37 CFR 1.27
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application no.:  
Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

Customer Number  
**22850**  
(703) 413-3000  
FACSIMILE: (703) 413-2220

|            |                         |                   |         |
|------------|-------------------------|-------------------|---------|
| Name:      | Steven P. Weihroch      | Registration No.: | 32,829  |
| Signature: | <i>Edwin D. Garlepp</i> | Date:             | 3/17/09 |
| Name:      | Edwin D. Garlepp        | Registration No.: | 45,330  |



Pocket No. 247563US6YA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Aelan MOSDEN et al.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: METHOD AND SYSTEM FOR TREATING A HARD MASK TO IMPROVE ETCH CHARACTERISTICS

FEE TRANSMITTAL

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

| FOR   | NUMBER<br>FILED | NUMBER<br>EXTRA | RATE                        | CALCULATIONS |
|---|-----------------|-----------------|-----------------------------|--------------|
| TOTAL CLAIMS  | 29 - 20 =       | 9               | x \$18 =                    | \$162.00     |
| INDEPENDENT CLAIMS  | 3 - 3 =         | 0               | x \$86 =                    | \$0.00       |
| <input checked="" type="checkbox"/> MULTIPLE DEPENDENT CLAIMS (If applicable) |                 |                 | + \$290 =                   | \$290.00     |
| <input checked="" type="checkbox"/> LATE FILING OF DECLARATION                |                 |                 | + \$130 =                   | \$130.00     |
|   |                 |                 | BASIC FEE                   | \$770.00     |
|   |                 |                 | TOTAL OF ABOVE CALCULATIONS | \$1,352.00   |
| <input type="checkbox"/> REDUCTION BY 50% FOR FILING BY SMALL ENTITY          |                 |                 |                             | \$0.00       |
| <input type="checkbox"/> FILING IN NON-ENGLISH LANGUAGE                       |                 |                 | + \$130 =                   | \$0.00       |
| <input type="checkbox"/> RECORDATION OF ASSIGNMENT                            |                 |                 | + \$40 =                    | \$0.00       |
|   |                 |                 | TOTAL                       | \$1,352.00   |

☐ Please charge Deposit Account No. 15-0030 in the amount of      A duplicate copy of this sheet is enclosed.

☐ A check in the amount of      to cover the filing fee is enclosed.

☒ Credit card payment form is attached to cover the filing fee in the amount of **\$1,352.00**

☒ The Director is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

Date: 3/12/09

Customer Number

**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)

Edwin D. Garlepp  
Steven P. Weihrouch  
Registration No. 32,829  
Edwin D. Garlepp  
Registration No. 45,330